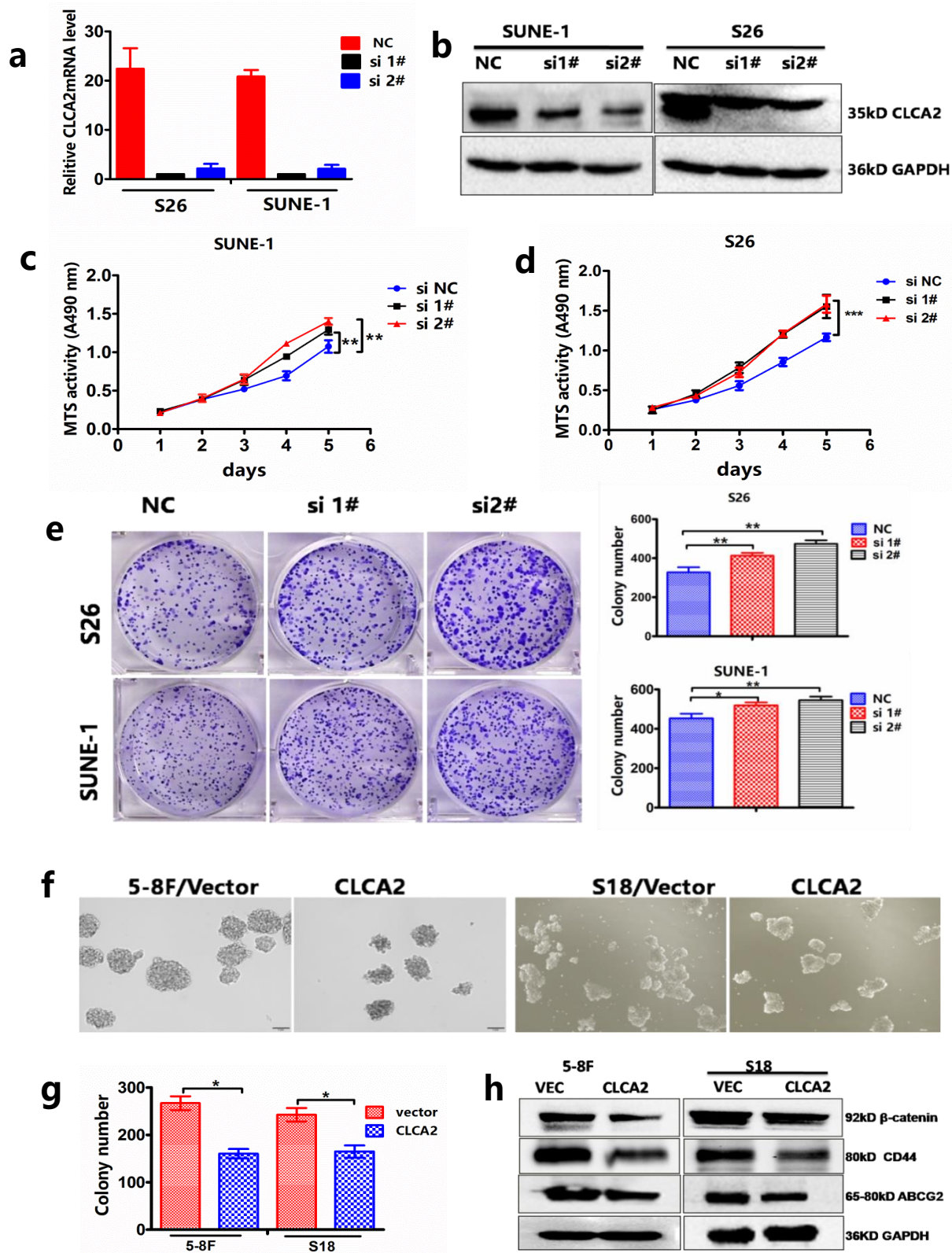


**figure S1**



**Figure S1.** Knockdown of CLCA2 promotes the growth in NPC cells in vitro.

**a.** Silenceing of CLCA2 in NPC cells were determined by real-time quantitative PCR. **b.** Silenceing of CLCA2 in NPC cells were determined by immunoblotting analysis, GAPDH was used as a loading control. **c-d.** Silenceing of CLCA2 promoted the growth in S26 and SUNE-1 cells. Proliferation was determined by the MTS assay;  $**P < 0.01$ , Student t test. **e.** Silencing of CLCA2 increased the colony formation of NPC cells. Representative micrographs and quantification of crystal violet stained cells from 3 independent experiments. **f-g.** Overexpression of CLCA2 influenced the size and number of spheres. Data represent the average  $\pm$  SD,  $n=3$ ;  $*P < 0.05$ . **h.** Overexpression of CLCA2 in 5-8F and S18 cells decreased the expression of stem cell-associated genes:  $\beta$ -catenin, CD44 and ABCG2 levels in whole cell lysate samples, GAPDH was used as the loading control.